

<b>Form PTO-1449</b>		<b>U.S. Department of Commerce Patent and Trademark Office</b>		Atty. Docket No. <b>2271/60963-Z</b>	Serial No. <b>Not Yet Known</b>		
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)				Applicants: <b>Seiji TERAZAWA et al.</b>			
				Filing Date: <b>Herewith</b>	Group Art Unit:		
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
<i>LB</i> ↓	4 2 7 4 4 5 5	6-23-81	Simons	X			
	4 9 4 5 9 5 6	8-7-90	Bueyuekgueclue et al.				
	4 9 8 4 0 2 3	1-1991	Yoshida				
	5 0 7 4 3 4 2	12-1991	Kraehn				
	5 4 1 2 3 6 4	5-1995	Iguchi et al.				
	5 5 7 6 8 1 6	11-1996	Staudt et al.				
	5 5 9 5 2 2 3	1-1997	Hayao				
	5 6 5 5 1 9 5	8-5-97	Ichikawa et al.				
	5 7 4 0 5 0 7	4-14-98	Ichikawa et al.				
	5 9 1 5 1 5 4	6-1999	Schoch et al.				
<b>FOREIGN PATENT DOCUMENTS</b>							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>LB</i> ↓	JP 6 0- 2 3 2 5 7 8	11-1985	Japan	X			
	JP 3 - 2 4 1 3 7 2	10-1991	Japan				
	JP 6 - 2 0 8 3 0 1	7-26-94	Japan			Abstract	
	JP 7 - 2 0 7 0 5	1-24-95	Japan			Abstract	
	JP 7 - 2 6 1 5 2 9	10-13-95	Japan			Abstract	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
EXAMINER <i>R Beatty</i>				DATE CONSIDERED <i>7/21/04</i>			
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[illegible]



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<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		
<b>Applicants:</b> <b>Seiji TERAZAWA et al.</b>		<b>Filing Date:</b> <b>October 24, 2003</b>
<b>Group Art Unit:</b> <b>2852</b>		

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<div style="font-size: 2em;">↓</div>	5 0 7 4 3 4 4	12-24-91	Vacek et al.	X	X	
	5 5 7 6 8 1 6	11-1996	Staudt et al.			
	5 5 9 5 2 2 3	1-1997	Hayao			
	5 6 3 8 9 8 9	6-17-97	Ophardt et al.			
	5 6 5 2 9 4 4	7-29-97	Masuda et al.			
	5 6 5 5 1 8 0	8-5-97	Yasuda et al.			
	5 9 1 5 1 5 4	6-1999	Schoch et al.			
	6 0 3 2 0 1 0	2-29-00	Kim et al.			

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<div style="font-size: 2em;">↓</div>	JP 5 9 - 2 7 5 5 8	2-21-84	Japan	X	X		
	JP 6 1 - 5 9 4 6 5	3-26-86	Japan			Abstract	
	✓ JP 2 - 5 4 3 9 2	4-19-90	Japan				
	✓ JP 2 - 6 9 6 2 7	5-28-90	Japan				
	✓ JP 4 - 9 0 8 2	1-13-92	Japan			Abstract	
	✓ JP 0 8- 1 3 7 2 2 9	5-31-96	Japan			Abstract	
	✓ JP 9 - 6 1 0 8	1-10-97	Japan			Abstract	
	✓ JP 9 - 2 2 1 7 5	1-21-97	Japan			Abstract	
	✓ JP 2 6 8 5 0 0 2	8-15-97	Japan				
	✓ JP 1 0- 1 2 3 8 1 4	5-15-98	Japan			Abstract	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


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